

Further effects of charged aerosols on summer mesospheric

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Studies of polar mesosphere summer echoes over EISCAT using calibrated signal strengths and statistical parameters. <i>Radio Science</i> , 1997, 32, 1425-1444.	0.8	42
2	Recent advances in radar instrumentation and techniques for studies of the mesosphere, stratosphere, and troposphere. <i>Radio Science</i> , 1997, 32, 2241-2270.	0.8	60
3	An updated review of polar mesosphere summer echoes: Observation, theory, and their relationship to noctilucent clouds and subvisible aerosols. <i>Journal of Geophysical Research</i> , 1997, 102, 2001-2020.	3.3	266
4	THE EARTH'S IONOSPHERE: A WALL-LESS PLASMA LABORATORY. <i>Surveys in Geophysics</i> , 1997, 18, 57-127.	2.1	43
5	Meteoroid dust effects on D-region incoherent scatter radar spectra. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1998, 60, 349-357.	0.6	27
6	Turbulence-induced fluctuations in ionization and application to PMSE. <i>Earth, Planets and Space</i> , 1999, 51, 499-513.	0.9	54
7	Resolute Bay VHF radar: A multipurpose tool for studies of tropospheric motions, middle atmosphere dynamics, meteor physics, and ionospheric physics. <i>Radio Science</i> , 2001, 36, 1839-1857.	0.8	33
8	Nonturbulent layers in polar summer mesosphere: 1. Detection of sharp gradients using wavelet analysis. <i>Radio Science</i> , 2001, 36, 875-890.	0.8	8
9	Nonturbulent layers in polar summer mesosphere: 2. Application of wavelet analysis to VHF scattering. <i>Radio Science</i> , 2001, 36, 891-903.	0.8	7
10	The DROPPS program to study the polar summer mesosphere. <i>Advances in Space Research</i> , 2001, 28, 1037-1046.	1.2	4
11	The role of charged ice particles for the creation of PMSE: A review of recent developments. <i>Advances in Space Research</i> , 2003, 31, 2033-2043.	1.2	14
12	On the nature of PMSE: Electron diffusion in the vicinity of charged particles revisited. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	114
13	Reply to comment by J. Klostermeyer on "Neutral air turbulence and temperatures in the vicinity of polar mesosphere summer echoes" by F.-J. Lübken, M. Rapp, and P. Hoffmann. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	1
14	Small scale density variations of electrons and charged particles in the vicinity of polar mesosphere summer echoes. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1399-1407.	1.9	23
15	Polar mesosphere summer echoes (PMSE): Review of observations and current understanding. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 2601-2633.	1.9	337
16	Relationship of electric field and charged particle density fluctuations to air turbulence in the mesosphere. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	3
17	Application of heterogeneous mesospheric ion-chemistry model to MST radar echoes over low latitude. <i>Advances in Space Research</i> , 2007, 39, 1256-1266.	1.2	1
18	Meteoroid smoke particles: Evidence from rocket and radar techniques. <i>Advances in Space Research</i> , 2007, 40, 809-817.	1.2	58

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19	Modeling and observing the effect of aerosols on meteor radar measurements of the atmosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	14
20	Observations of D-region structure and atmospheric tides with PFISR during active aurora. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 688-696.	0.6	7
21	A review of Mesosphereâ€“Stratosphereâ€“Troposphere (MST) radar developments and studies, circa 1997â€“2008. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 848-882.	0.6	55
22	Non-equilibrium modeling of the PMSE Overshoot Effect revisited: A comprehensive study. <i>Journal of Plasma Physics</i> , 2012, 78, 303-319.	0.7	13
23	On the necessary complexity of modeling of the Polar Mesosphere Summer Echo Overshoot Effect. <i>Journal of Plasma Physics</i> , 2012, 78, 225-239.	0.7	6
24	Electronâ€“ion temperature ratio estimations in the summer polar mesosphere when subject to HF radio wave heating. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 118, 106-112.	0.6	5
25	Charged dust phenomena in the near-Earth space environment. <i>Reports on Progress in Physics</i> , 2016, 79, 106802.	8.1	13